

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re:	Patent Application of Marc Pelletier et al.	:	Group Art Unit: Not Yet Assigned
Appln. No.:	Not Yet Assigned	:	Examiner: Not Yet Assigned
Filed:	Herewith	:	
Title:	METHODS FOR PRODUCING SIALYLOLIGOSACCHARIDES IN A DAIRY SOURCE	:	Attorney Docket No. 040853-01-5028-02

**INFORMATION DISCLOSURE STATEMENT**

It is requested that the enclosed reference(s) listed on the attached Information Disclosure Citation Form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein.

Copies of the references were previously cited by and/or submitted to the U.S. Patent and Trademark Office in related Application No. 08/911,393 filed August 14, 1997 (the "prior application"). The present application relies, under 35 U.S.C. § 120, on the filing date of the prior application. Therefore, under 37 C.F.R. § 1.98(d), copies of the references are not enclosed.

Independent consideration and acknowledgment of the enclosed reference(s) are respectfully requested.

Respectfully submitted,

**MARC PELLETIER, ET AL.**

11- MARCH - 2004  
(Date)

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## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

040853-01-5028-02

APPLICATION NO.

Not Yet Assigned

APPLICANT

Pelletier et al.

FILING DATE

Herewith

GROUP

Not Yet Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,001,198	01/04/77	Thomas			
	AB	4,202,909	05/13/80	Pederson			
	AC	4,543,261	09/24/85	Harmon et al.			
	AD	4,547,386	10/15/85	Chambers et al.			
	AE	4,617,861	10/21/86	Armstrong			
	AF	4,855,056	08/08/89	Harju et al.			
	AG	4,968,521	11/06/90	Melnychyn			
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	AI	5,118,516	06/02/92	Shimatani et al.			
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	AP	5,575,916	11/19/96	Brian et al.			
	AQ	5,700,671	12/23/97	Prieto et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AR	WO 96/32491	10/17/96	PCT				
	AS	WO 96/32492	10/17/96	PCT				
	AT	JP 59-184,197	10/19/84	Japan (Kokai)				
	AU	JP 63-284,199	11/21/88	Japan (Kokai)				

	AV	JP 01-168,693	07/04/89	Japan (Kokai)				
	AW	JP 03-143,351	06/18/91	Japan (Kokai)				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AX	Genbank D50685.						
	AY	Genbank L26499.						
	AZ	SPTREMBL:Q26964, (Uemura).						
	BA	SPTREMBL:Q26965, (Uemura).						
	BB	SPTREMBL:Q26966, (Uemura).						
	BC	SPTREMBL:Q26969, (Cremona et al.)						
	BD	Campetella et al., 1994, "A recombinant <i>Trypanosoma cruzi</i> trans-sialidase lacking the amino acid repeats retains the enzymatic activity", <i>Mol. Biochem. Parasitol.</i> 64:337-340						
	BE	Carver et al., 1993, "Transgenic livestock as bioreactors: Stable expression of human alpha-1-antitrypsin by a flock of sheep", <i>Biotechnol.</i> 11:1263-1270						
	BF	Clark et al., 1989, "Expression of human anti-hemophilic factor IX in the milk of transgenic sheep," <i>Biotechnol.</i> 7:487-492						
	BG	Colli, W., 1993, "Trans-sialidase: A unique enzyme activity discovered in the protozoan <i>Trypanosoma cruzi</i> ", <i>FASEB J.</i> 7:1257-1264						
	BH	Colman, A., 1996, "Production of proteins in the milk of transgenic livestock: Problems, solutions, and successes <sup>1,2</sup> ," <i>Am.J. Clin. Nutr.</i> 63:639S-645S						
	BI	Cremona et al., 1995, "A single tyrosine differentiates active and inactive <i>Trypanosoma cruzi</i> trans-sialidases", <i>Gene</i> 160:123-128						
	BJ	Cross et al., 1993, "The surface trans-sialidase family of <i>Trypanosoma cruzi</i> ", <i>Annu. Rev. Microbiol.</i> 47:385-411						
	BK	Ebert et al., 1991, "Transgenic production of a variant of human tissue-type plasminogen activator in goat milk: Generation of transgenic goats and analysis of expression", <i>Biotechnol.</i> 9:835-838						
	BL	Houdebine, L., 1994, "Production of pharmaceutical proteins from transgenic animals", <i>J. Biotechnol.</i> 43:269-287						
	BM	Medina-Acosta et al., 1994, "Combined occurrence of trypanosomal sialidase/trans-sialidase activities and leishmanial metalloproteinase gene homologues in <i>Endotrypanum</i> sp.", <i>Mol. Biochem. Parasitol.</i> 64:273-282						
	BN	Paterson et al., 1994, "Approaches to maximizing stable expression of $\alpha_1$ -antitrypsin in transformed CHO cells", <i>Appl. Microbiol. Biotechnol.</i> 40:691-698						

	BO	Pontes de Carvalho et al., 1993, "Characterization of a novel trans-sialidase of <i>Trypanosoma brucei</i> procyclic trypomastigotes and identification of procyclin as the main sialic acid acceptor", <i>J. Exp. Med.</i> 177:465-474
	BP	Schenkman et al., 1992, " <i>Trypanosoma cruzi</i> trans-sialidase and neuraminidase activities can be mediated by the same enzymes", <i>J. Exp. Med.</i> 175:567-575
	BQ	Schenkman et al., 1994, "Structural and functional properties of <i>Trypanosoma trans-sialidase</i> ", <i>Annu. Rev. Microbiol.</i> 48:499-523
	BR	Schenkman et al., 1994, "A proteolytic fragment of <i>Trypanosoma cruzi trans-sialidase</i> lacking the carboxyl-terminal domain is active, monomeric, and generates antibodies that inhibit enzymatic activity*", <i>J. Biol. Chem.</i> 269:7970-7975
	BS	Uemura et al., 1992, "Only some members of a gene family in <i>Trypanosoma cruzi</i> encode proteins that express both <i>trans-sialidase</i> and neuraminidase activities", <i>EMBO J.</i> 11:3837-3844
	BT	Vandekerckhove et al., 1992, "Substrate specificity of the <i>Trypanosoma cruzi trans-sialidase</i> ", <i>Glycobiol.</i> 2:541-548
	BU	Velander et al., 1992, "High-level expression of a heterologous protein in the milk of transgenic swine using the cDNA encoding human protein C", <i>Proc. Natl. Acad. Sci. USA</i> 89:12003-12007
	BV	Wright et al., 1991, "High level expression of active human alpha-1-antitrypsin in the milk of transgenic sheep", <i>Biotechnol.</i> 9:830-834
EXAMINER		DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		